

BEGONIA NOMENCLATURE NOTES, 2

THE BEGONIA IN WALLICH'S NUMERICAL LIST

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The Species of the Begoniaceae, Edition 2, 1974, by Fred A. Barkley and Jack Golding is a compendium of the published names and published synonymy for the species and therefore continues the errors from the literature. I have been reviewing the literature to verify or correct the citations and their synonymy. My determinations will be published in this series, "*Begonia* Nomenclature Notes."

WALLICH'S LIST

Dr. Nathaniel Wallich was in the service of the East India Company as superintendent of the Calcutta Botanic Garden (1815-1846). He prepared *A numerical list of dried plants in the East India Company's museum* (often cited as Wallich's Catalogue). This list was lithographed from the manuscript and published from 1828 to 1849. Because this was only a numerical list without descriptions, the new names given by Wallich in this list were *nomina nuda*.

In this review of the *Begonia* in Wallich's *Numerical list*, after the photocopies of his manuscript names, each specimen number is followed by either the correct name with the citation of the author who validly published the epithet of Wallich, or the *nomen nudum* with the name that replaced it.

Additional citations important in establishing the present status and pertinent synonymy have been included.

3671 *Begonia guttata* Wall.

α Senang 1822

B Lind. An var. *mexa* vel *distincta* γ?

no. 3671 A

Begonia guttata Wallich (Num.List.: 129. no. 3671A. 1831. *nomen nudum*) ex A.DC. Prodr. 15(1): 352. 1864.; C.B. Clarke in Hooker f. Fl. Brit. Ind. 2: 648. 1879.

no. 3671 B

Begonia guttata sensu Wallich. Num.List. : 129. no. 3671B. 1831. *nomen nudum*. non Wallich ex A.DC. 1864.

= *Begonia sinuata* Wallich ex Meisner, in Ber. Verhandl. Naturf. Ges. Basel 2: 42. 1836.; C.B. Clarke in Hooker f. Fl. Brit. Ind. 2: 650. 1879.

3672 *Begonia pedunculosa* Wall.

α Mand. Sikkim, M. A. Smith

B BBL

no. 3672 A

Begonia pedunculosa Wallich, Pl. As. Rar. 1: 86. t. 97. 1830.; Wallich, Num.List. : 129. no. 3672A. 1831.; C.B. Clarke in Hooker f. Fl. Brit. Ind. 2: 639. 1879.

no. 3672 B

Begonia pedunculosa sensu Wallich, Num.List. : 129. no. 3672B. 1831. non Wallich 1830.

= *Begonia khasiana* C.B. Clarke in Hooker f. Fl. Brit. Ind. 2; 656. 1879.

3673 *Begonia wightiana* Wall.
W. Wight.

no. 3673

Begonia wightiana Wallich, Num.List. : 129.
no. 3673. 1831. nomen nudum.

= *Begonia albo-coccinea* Hooker, Bot.Mag. 71: t.4172.
1845.; A.DC. Prodr. 15(1): 389. 1964.

syn. *Begonia grahamiana* R.Wight, Icon.Pl.Ind.Or.
5(2): t.1811. 1852.

syn. *Mitcherlichia albo-coccinea* Klotzsch, Monatsb.
Berl.Akad.: 124. 1854.; Klotzsch, Begoniaceen:
73. 1855.

syn. *Mitcherlichia grahamiana* Hasskarl, Hort.Bog.
Desc.: 334. 1858.

3674 *Begonia parviflora* B. Hamilton
ex Maul. Morong

no. 3674

Begonia parviflora Hamilton ex Wallich, Num.
List.: 129. no. 3674. 1831. nomen nudum.
non Poeppig & Endlicher 1835.

= *Begonia minicarpa* Hara, J.Jap.Bot. 47: 112. t.2. 1972.

syn. *Begonia wallichiana* Steudel, Nom.ed. 2: 194.
1841. nomen nudum.; Doorenbos, Begonian 42:
213. 1975. non Lehmann 1850.

non. *Begonia modestiflora* Kurz, Flora 54: 296. 1871.;
C.B.Clarke in Hooker f. Fl.Brit.Ind. 2: 640.
1874.; Hara, J.Jap.Bot. 47: 113. 1972.

Observation: C.B.Clarke in Hooker f. Fl.Brit.
Ind. 2: 640. 1874., listed *Begonia parviflora*
Wallich Cat. no. 3674., as a synonym of *Begonia*
modestiflora Kurz. But Hara noted in the cita-
tion for *Begonia minicarpa* Hara, that the speci-
men of Hamilton cited by Wallich for his no.
3674, was different from *Begonia modestiflora*
Kurz.

3675 *Begonia tuberosa* ? herb. Wight. —
 Causallium
 B. B. *Isoptera* ? e Causall. et B.
 D. Nilghiry. humilis. — Wb. Madr
 dam kolan

no. 3675 A

Begonia tuberosa herb. Wight ex Wallich, Num.
 List. : 129. no. 3675A. 1831. nomen nudum.

= *Begonia malabarica* var. *dipetala* C.B. Clarke in
 Hooker f. Fl. Brit. ind. 2: 655. 1879.

syn. *Begonia dipetala* Graham in Hooker, Bot. Mag.
 55: t. 2849. 1828.

no. 3675 B

Begonia tuberosa herb. Wight ex Wallich, Num.
 List. : 129. no. 3675B. 1831. nomen nudum.

= *Begonia malabarica* var. *hydrophila* C.B. Clarke in
 Hooker f. Fl. Brit. Ind. 2: 655. 1879.

syn. *Begonia hydrophila* Miquel, Flora : 769. 1853.;
 A. DC. Prodr. 15(1) : 392. 1864.

3676 *Begonia malabarica* Lam. & Mouss.
 e Gualpara
 B. Begon. malabar. Wb. Wight
 C ? Wb. Madr
 D ? kopatid ruper 1828
 E ? H. H. C.

no. 3676 A, B, C, E

Begonia malabarica Lamarck, Encyc. 1: 393. 1785.
 Wallich, Num. List. : 129. no. 3676 excl. D,
 1831.; C.B. Clarke in Hooker f. Fl. Brit. Ind. 2:
 655. 1879.

no. 3676 D

Begonia malabarica sensu Wallich, Num.List. :
129. no. 3676D. 1831. non Lamarck 1785.

= *Begonia megaptera* A.DC. Ann.Sci.Nat.ser.4. 11: 134.
1859.; A.DC. Prodr. 15(1) : 348. 1864.;
C.B.Clarke in Hooker f. Fl.Brit.Ind. 2: 646.
1879.

3677 *Pegonia gigantea* Wall
Purser *Chiroseaghatte* Nepalica inf.
1820

no. 3677 p.p.

Begonia gigantea Wallich (Num.List. : 129. no.
3677 p.p. 1831. nomen nudum) ex C.B.Clarke
in Hooker f. Fl.Brit.Ind. 2: 643. 1879.

= *Begonia nepalensis* (A.DC.) Warburg in Engler & Prantl.
Natur.Pflanzenf. 3. 6a: 142. 1894.

syn. *Mezierea nepalensis* A.DC. Ann.Sci.Nat. ser.4. 11:
144. 1859.; A.DC. Prodr. 15(1): 406. 1864.

no. 3677 B

Begonia gigantea sensu Wallich, Num.List. : 129.
no. 3677B. 1831. nomen nudum.

= *Begonia silletensis* (A.DC.) C.B.Clarke in Hooker f.
Fl.Brit.Ind. 2: 636. 1879.
(sphalm. *B. silhetensis*)

syn. *Casparya? silletensis* A.DC. Prodr. 15(1): 277.
1864.

3678 *Begonia laciniata* Roxb. Hort.
 Beng. et 1833
 ex Sillit RD. et AB
 A Nepalia 1921

no. 3678 A

Begonia laciniata Roxburgh ex Wallich, Num.List.:
 129. no. 3678A. 1831. nomen nudum.

= *Begonia laciniata* Roxburgh, Fl.Ind. 3; 649. 1832.;
 Hooker, Bot.Mag. t.5021. 1857.; A.DC. Prodr. 15(1)
 : 347. 1864.; C.B.Clarke in Hooker f. Fl.Brit.
 Ind. 2: 645. 1879.

syn. *Begonia roylei* K.Koch, Belg.Hortic 7: 197. 1857.;
 Doorenbos, Ch.List. *Begonia* Sp. Add. 1. 1971. not
 published.

no. 3678 B

Begonia laciniata Roxburgh ex Wallich, Num.List.:
 129. no. 3678B. 1831. nomen nudum.

= *Begonia laciniata* var. *nepalensis* A.DC. Prodr. 15(1)
 348. 1864.

Observation: *Begonia palmata* D.Don, Prodr.
 Fl.Nep. : 223. 1825 was listed as a question-
 able synonym of *Begonia laciniata* var.
nepalensis A.DC. in Prodr. 15(1): 348. 1864.,
 and of *Begonia laciniata* Roxburgh, by
 C.B.Clarke in Hooker f. Fl.Brit.Ind. 2:
 645. 1879.

H.Hara in J.Jap.Bot. 45 (3): 92. 1970 re-
 ferred to "*B. palmata* D.Don (*B. laciniata*
 Roxb.)" in his comments when naming the
 species *Begonia flaviflora* Hara. He gave
 no explanation. It appears that he over-
 looked the question mark shown in front of
B. palmata Don by C.B.Clarke and used this
 older name.

I have reviewed the literature, trying to determine if this synonymy was confirmed or rejected, but I cannot find any information that would clarify this matter. Rather than list this questionable synonymy, which if confirmed would have given priority to the older name, I think it best to consider *Begonia palmata* D. Don (1825) and *Begonia laciniata* Roxburgh (1832) as separate species.

3679 *Begonia barbata* Wall.
man. List D. et H.

no. 3679 A et p.p. B

Begonia barbata Wallich (Num. List. : 129.
 no. 3679A p.p. B. 1831. *nomen nudum*) ex
 A. DC. Prodr. 15 (1): 348. 1864.; C. B. Clarke
 in Hooker f. Fl. Brit. Ind. 2: 646. 1879.

= *Begonia annulata* K. Koch, Berl. Gartens. 1: 76. 1857.;
 Irmscher, Bot. Jahrb. 78 (2): 191. 1959.

syn. *Begonia griffithii* Hooker, Bot. Mag. 83.: t. 4984.
 1857.

no. 3679 B p.p.

Begonia barbata sensu Wallich, Num. List. ; 129.
 no. 3679B. p.p. 1831. *nomen nudum*. non
 Wallich ex A. DC. 1864.

= *Begonia hatacoa* Hamilton ex D. Don, Prodr. Fl. Nep.;
 223. 1825.; A. DC. Prodr. 15(1): 347. 1864.;
 C. B. Clarke in Hooker f. Fl. Brit. Ind. 2: 645.
 1879.; Hara, J. Jap. Bot. 47: 143. 1872
 (sphalm. *B. hetocoa*).

syn. *Begonia rubro-venia* Hooker, Bot. Mag. t. 4689.
 1853.

3680 *Begonia sinuata* Wall
Rius Penang J.O.

no. 3680

Begonia sinuata Wallich, (Num.List. : 129. no. 3680. 1831. *nomen nudum*) ex Meisner in Ber.Verhandl. Naturf.Ges.Basel 2: 42. 1836.; A.DC. Prodr. 15(1) : 354. 1864.; C.B.Clarke in Hooker f. Fl.Brit.Ind. 2: 650. 1879.; Burtt, Notes Roy.Bot.Gard.Edinb. 32: 273. 1973.

syn. *Begonia guttata* sensu Wallich. Num.List. 129. no. 3671B. *nomen nudum*. non Wallich ex A.DC. 1864.

syn. *Begonia elongata* Wallich, Num.List.: 213. no. 6291. 1832. *nomen nudum*.

syn. *Begonia subrotunda* Wallich, Num.List.: 213. no. 6293. 1832. *nomen nudum*.

syn. *Diploclinium biloculare* Wight, Ic. t.1814. 1852.

syn. *Begonia biloculare* (Wight) Craib, Fl.Siam. Enum. 1: 771. 1931.

3681 *Begonia tenella* Don
A Nepal 1821
B Japan Hon
C Kaulaan NB

no. 3681

Begonia tenella D.Don, Prodr.Fl.Nep. : 223. 1825.; Wallich, Num.List. : 129. no. 3681. 1831.; A.DC. Prodr. 15(1) : 327. 1864.; C.B.Clarke in Hooker f. Fl.Brit.Ind. 2: 642. 1879.

Observation: A.DC. listed *Begonia tenella* D.Don as a questionable synonym of *Begonia amoena* Wallich ex A.DC., but Clarke listed it without the question mark. Since

Begonia tenella D. Don was published for this species first, it is the correct name and *Begonia amoena* is the synonym.

syn. *Begonia amoena* Wallich ex A. DC. Prodr. 15(1): 327. 1864.

syn. *Begonia erosa* Wallich, Num. List. : 129.
no. 3688 p.p. 1831. nomen nudum.

3682 *Begonia amoena* Wall
A Nepalia 1821
B Karsan RB

no. 3682

Begonia amoena Wallich, (Num. List. : 129.
no. 3682. 1831. nomen nudum) ex A. DC.
Prodr. 15(1): 327. 1864.

= *Begonia tenella* D. Don, Prodr. Fl. Nep. : 223. 1825.

3683 *Begonia subovata* Wall
Haut. Sillat 1821

no. 3683

Begonia subovata Wallich, Num. List. : 129.
no. 3683. 1831. nomen nudum.

= *Begonia ovatifolia* A. DC. Ann. Sci. Nat. ser. 4. 11 :
1832. 1859.; A. DC. Prodr. 15(1) : 328. 1864.;
C. B. Clarke in Hooker f. Fl. Brit. Ind. 2: 642.
1879.

3684 *Begonia Finlaysoniana* Wall.
B. crenata Wb. Tind. ex ins. and
 Siam.

no. 3684

Begonia finlaysoniana Wallich, Num.List. : 129.
 no. 3684. 1831. nomen nudum.

Observation: A.DC. Prodr. 15(1): 401. 1864.
 under "Species with only a name or known from
 a very poor illustration" listed *Begonia*
finlaysoniana (Wallich List. 3684.) *Begonia*
crenata herbarium Finlays. From an Island on
 the coast of Siam.

C.B. Clarke in Hooker f. Fl. Brit. Ind. 2: 650.
 1879., listed *Begonia finlaysoniana* Wall. Cat.
 no. 3684. as a questionable synonym of
Begonia prolifera A.DC. Ann. Sci. Nat. ser. 4.
 11: 135. 1859.; A.DC. Prodr. 15(1) : 353. 1864.
 After his description of *Begonia prolifera* A.DC.,
 he commented, "*Begonia finlaysoniana* possibly
 belongs here, but the example is very imperfect
 and the leaves are 2-3, some of them petioled."

Since the connection between these species is
 so vague and still has not been confirmed by
 later authors, I think it best to list
Begonia finlaysoniana Wallich no. 3684
 only as nomen nudum and not as a synonym
 of *Begonia prolifera* A.DC.

3685 *Begonia picta* Sm.
 A Kaula 1821
 B Kaula 1821

no. 3685 B et p.p. A

Begonia picta J.E. Smith, Exot. Bot. 2: 81. t. 101
 1807.; Wallich, Num. List. : 129. no. 3685B
 et p.p. A. 1831.

syn. *Begonia hirta* Wallich ex Hooker, Exotic
 Fl. 2: 89. 1825. in syn.

syn. *Begonia echinata* Royle, Illustr. Bot. Himal.
 313. t. 80, f. 1. 1839.; A.DC. Prodr. 15(1):
 312. 1864.

3686 *Begonia scutata* Wall.
Gopam Han

no. 3686 p.p.

Begonia scutata Wallich (Num.List. : 129. no. 3686 p.p. 1831. *nomen nudum*) ex A.DC. Prodr. 15(1): 328. 1864.; C.B.Clarke in Hooker f. Fl.Brit.Ind. 2: 642. 1879.

syn. *Begonia rubella* Wallich, Num.List. : 129. no. 3687. 1831. *nomen nudum*.

no. 3686 A et 3685 A p.p.

Begonia scutata sensu Wallich, Num.List. : 129 no. 3686A 1831. *nomen nudum*. non Wallich ex A.DC. 1864.

Begonia picta sensu Wallich, Num.List. : 129. no. 3685A p.p. 1831.; C.B.Clarke in Hooker f. Fl.Brit.Ind. 2: 639. 1879. non. J.E.Smith, 1807.

= *Begonia josephii* A.DC. Ann.Sci.Nat. ser. 4. 11: 126. 1859.; A.DC. Prodr. 15(1): 313. 1864.; C.B.Clarke in Hooker f. Fl.Brit.Ind. 2: 639. 1879.

3687 *Begonia rubella* Hauss.?
Kopalia 1821

no. 3687

Begonia rubella Wallich, Num.List. : 129. no. 3687. 1831. *nomen nudum*.

= *Begonia scutata* Wallich ex A.DC. Prodr. 15(1): 328. 1864. C.B.Clarke in Hooker f. Fl.Brit.Ind. 2: 642. 1879.

Observation: A.DC. Prodr. 15(1) : 328. 1864. listed *Begonia dioica* D.Don, Prodr. Fl.Nep.: 223. 1825. as a questionable synonym of *Begonia scutata* Wallich ex A.DC. C.B.Clarke

in Hooker f. Fl.Brit.Ind. 2; 642. 1879., did not include *Begonia dioica* D.Don as a synonym of *Begonia scutata* Wallich ex A.DC. From an examination of their descriptions they do not appear to be the same species, and I think that *B. dioica* D.Don is neither a synonym of *Begonia scutata* Wallich ex A.DC. nor (via *Begonia scutata sensu* Wallich no. 3686A. nomen nudum) *Begonia josephii* A.DC.

3688 *Begonia erosa* Wall.
Populus 1821

no. 3688 p.p.

Begonia erosa Wallich, Num.List. : 129. no. 3688
 p.p. 1831. nomen nudum.

= *Begonia picta* J.E.Smith, Exot.Bot. 2: 81. t.101
 1807.; C.B.Clarke in Hooker f. Fl.Brit.Ind. 2:
 638. 1879.

no. 3688 p.p.

Begonia erosa Wallich, Num.List.: 129. no. 3688
 p.p. 1831. nomen nudum.

= *Begonia tenella* D.Don, Prodr. Fl.Nep.: 223. 1825.;
 via *Begonia amoena* Wallich ex A.DC. Prodr. 15
 (1) : 327. 1864.; C.B.Clarke in Hooker f.
 Fl.Brit.Ind. 2: 642. 1879.

6291 *Begonia elongata* Wall. (Lit. no. 3671-3680)
Tracy W.G.

no. 6291

Begonia elongata Wallich, Num.List. : 213.
 no. 6291. 1832. nomen nudum.

= *Begonia sinuata* Wallich ex Meisner in Ber.Verhandl.
 Naturf.Ges.Basel. 2: 42. 1836.; C.B.Clarke in
 Hooker f. Fl.Brit.Ind. 2: 650. 1879.

6292 *Begonia proceridifolia* Walch.
Lauay W. G.

no. 6292

Begonia proceridifolia Wallich (Num.List. : 213.
no. 6292. 1832. *nomen nudum*) ex A.DC. Prodr. 15
(1) : 352. 1864.; C.B.Clarke in Hooker f.
Fl.Brit.Ind. 2: 648. 1879.

6293 *Begonia subrotunda* Walch.
A. Moolyogre 1827
B. Lauay W. G.

no. 6293

Begonia subrotunda Wallich, Num.List. : 213.
no. 6293. 1832. *nomen nudum*.

= *Begonia sinuata* Wallich ex Meisner in Ber.Verhandl.
Naturf.Ges.Basel. 2: 42. 1836.; C.B.Clarke in
Hooker f. Fl.Brit.Ind. 2: 650. 1879.

6294 *Begonia meisneri* Wall.
M. S. L. W. G.

no. 6294

Begonia meisneri Wallich, Num.List. : 213.
no. 6294. 1832. *nomen nudum*.

= *Begonia hatacoa* var. *meisneri* (C.B.Clarke) Golding,
comb. nov.

syn. *Begonia rubro-venia* var. *meisneri* C.B.Clarke
in Hooker f. Fl.Brit.Ind. 2: 645. 1879.

Observation: C.B.Clarke in Hooker f. Fl.
Brit.Ind. 2: 645. 1879. noted that
"Wallich's type example [no. 6294] looks like
a distinct species, but the examples of C.B.
Clarke connects the two [no. 3679B. p.p.
and no. 6294]". Clarke made the epithet
meisneri a variety of *Begonia rubro-venia*
Hooker, Bot.Mag. t.4689. 1853. H.Hara, J.Jap.

Bot. 47: 43. 1972., reported the type of *Begonia hatacoa* Hamilton ex D. Don, Prodr. Fl. Nep. : 223. 1825., agreed exactly with *Begonia rubro-venia* Hooker. Hence, the correct name of this species is the earlier *Begonia hatacoa* Hamilton ex D. Don. The varietal epithet *meisneri* of Clarke had to be transferred to *Begonia hatacoa* as I have done above.

9107 *Begonia*
Sillet Mt. Sikkim

no. 9107

Begonia Wallich, Num. List. : 304.
 no. 9107. 1849.

= *Begonia silletensis* (A. DC.) C. B. Clarke in Hooker
 f. Fl. Brit. Ind. 2: 636. 1879.

syn. *Casparya?* *silletensis* A. DC. Prodr. 15(1) :
 277. 1864.

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